

MATHEMATICS TEACHING

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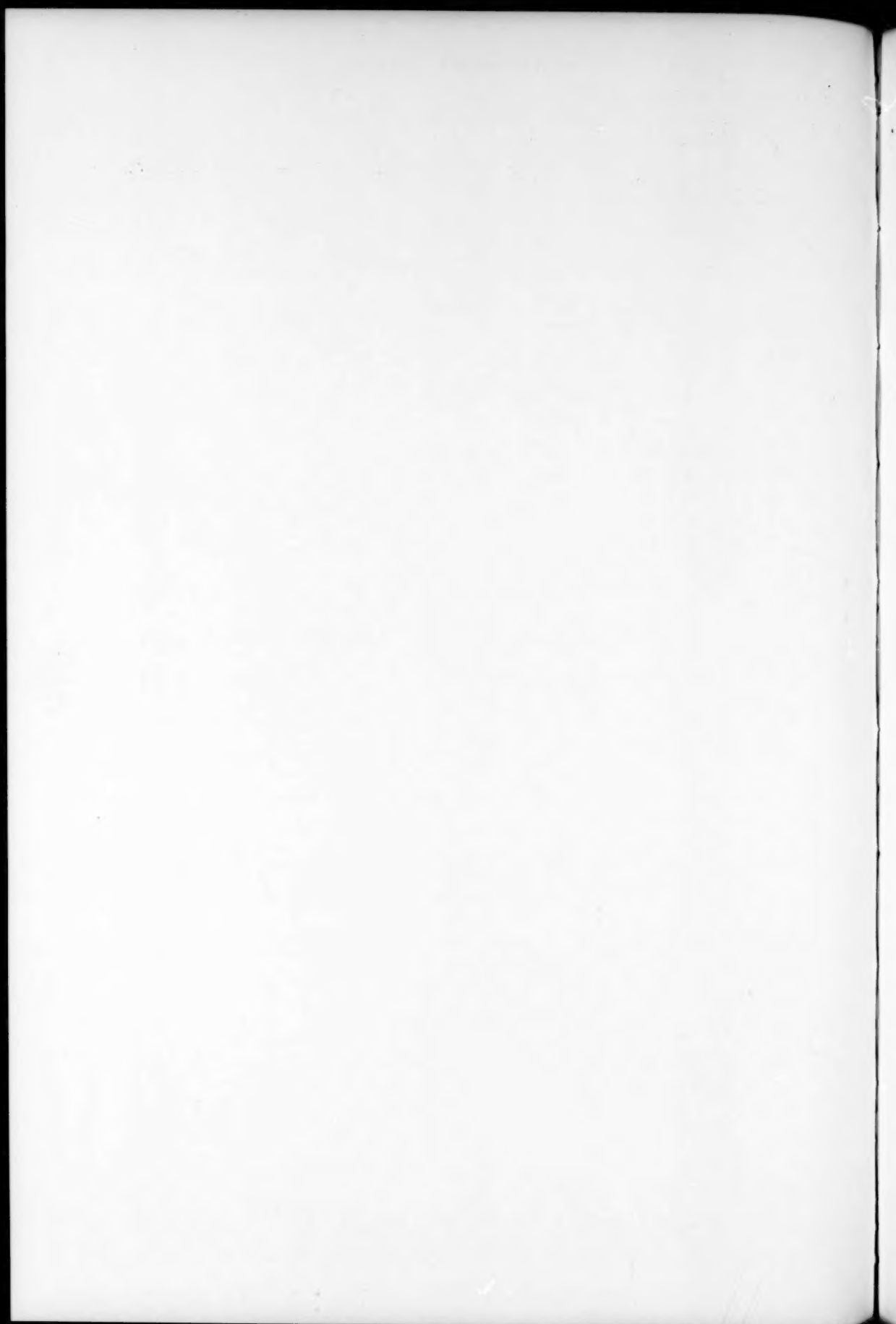
Autumn

Winter

1969

Use is made of the following abbreviations in the brief descriptions of articles given in the left-hand column.

Th	Theory of education	Sur	Survey/factual account	Sec	Secondary level
Obs	Observation of children	Crit	Critical account	GS	General studies
Ped	Pedagogy, teaching methods	Geo	Geometry	TT	Teacher training
Psy	Psychology	Alg	Algebra	Uni	University level
Ass	Examination/assessment	Ar	Arithmetic	Misc	Miscellaneous
Anal	Analysis	Trig	Trigonometry	Calc	Calculus/analysis
App	Apparatus and its use	Inf	Infant level	Stat	Statistics/probability
Inv	Investigation/exploration	Jun	Junior level	Comp	Computing/numerical analysis
Obs Inv	49	51-53	T. Barclay	Pattern blocks	
Obs Jun	47	12-14	E. Bates	Mathematics from the environment	
Obs Jun	46	54-57	H. Bracewell	Metrication	
Ped Inv	47	4-6	J. R. Branfield	Find the mathematician	
Ped Sec	46	46-49	B. Brookes	How do you teach minus minus is a plus?	
Sur Stat	49	4-12	R. Buxton	Probability and its measurement	
Inv Alg	46	58-62	K. S. Collins	Algebra from a cube	
Sur	46	14-15	F. Conway	A new approach to applied mathematics for schools	
Alg Sec	47	21-22	C. Edwards	Diagrammatic representation of sets	
Ped Inv	48	16-20	D. S. Fielker	Axiomatics for amateurs	
Misc	48	36-42	T. J. Fletcher	What is the use of mathematics?	
Ped Stat	49	14-20	G. Goldstein	A classroom approach to simulation	
Ped Psy	46	22-28	D. Hawkins	Thou I It	
Ped Uni	46	4-7	K. E. Hirst	The development of understanding in mathematics	
Sur	47	47-49	A. G. Howson	Assisting mathematical education in developing countries	
Ped Sec	48	8-11	J. D. Hytch and D. E. Tidmarsh	Mathematics, streamed and non-streamed: a practical approach at the secondary stage	
Sur	48	43-45	W. L. James	Sixth form mathematics	
App Sec	47	8-11	W. Malcolm	An introduction to groups using coloured shapes	
App Inv	49	48-49	J. E. Mann	'Discovering' special polyhedra	
Inv	46	16-18	A. McIntosh	A puzzle untangled	
Uni	49	27-33	B. L. Meek	Dainton, Swann and the course-unit system	
Misc	47	49-50	M. D. Meredith	A fortnight's education	
Inv Comp	48	54-55	A. J. Moakes	Leaves from a notebook	
Sur Uganda	48	24-25	A. Morley	Questions from Uganda	
Ped Sec	47	38-43	J. Parker	Graphs and relations	
Sur Tanzania	48	21-23	P. G. Scopes	Teaching mathematics in primary schools in Tanzania	
App Sec	48	46-50	J. G. Seal	Rebeca - the biography of a really elementary binary electronic computing apparatus	
Inv Geo	49	54-56	Shelley School, Crediton	An investigation into the patterns of rotation of a square	
Ped Sec	48	4-7	Fourth Form	Operational systems and checker games	
Ped Jun	46	8-10	H. G. Steiner	Learning mathematics through discovery in the primary school	
App Inv	46	38-45	D. J. Van Caille	What if not?	
Inv	47	52-53	M. Walter and S. Brown	A Sunday afternoon with five cocktail sticks	
Alg	46	52-53	C. and P. Wells	The dawn of nothing	
Sur	47	44-46	W. W. Willson	Developments in numerical integration	
Sur E. Africa	49	34-36	W. W. Willson	Secondary maths in East Africa	
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			Follow-up exercises		
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			Hexagon Maze (1)		
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	49	61	Attribute Games and Problems		
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Sur Stat	50	56-61	R. Buxton	Probability and its measurement
Th	52	51-54	L. R. Chapman	All change
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Inv T.T.	51	18-21	D. S. Fielker	Notes from a maths centre
Th	50	2- 5	C. Gattegno	Notes on a new epistemology: teaching and education
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Sur Alg	50	30-34	P. Hilton	Categories and functors
Ped Uni	51	4- 5	K. E. Hirst	Teaching for independence
Alg Uni	52	48-49	R. Hunkler and H. Heatherly	Nearly a ring
Ped Sarawak	53	50-52	P. Johnson	A different value system and its effect on teaching methods
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Ped Nigeria	51	44-47	M. Macrae	The 'Niger cubes' box and ...
Ped Inf	50	40-45	F. Papy	Papy's minicomputer
Sur	53	26-27	N. D. Pastides	A study of partitions
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App Geo	51	39-43	B. Spielman	Rigidity and framework models
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Ped Sec	52	14-19	D. Woodrow	Linear graphs

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A maze problem
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